IN THE CLAIMS

1   1. (currently amended) A method for transferring files among devices in a network,

2   comprising ~~the steps of~~:

3   requesting a transfer of a file from a source device;

4   scheduling the transfer of the file to be completed by a deadline; and

5   transferring the file from the source device to a destination device, where<u>in</u> the file

6   transfer is complete by the deadline.

1   2. (currently amended) The method of claim 1, wherein ~~the step of~~ scheduling ~~includes~~

2   <u>comprises</u> determining available bandwidth [[at]] <u>between</u> the source device and the

3   destination device.

1   3. (currently amended) The method of claim 1, wherein ~~the step of~~ scheduling ~~includes~~

2   <u>comprises</u> determining available storage at the destination device.

1   4. (original) The method of claim 1, wherein a user at the destination device specifies the

2   deadline.

1   5. (currently amended) The method of claim 1, further comprising ~~the step of~~ identifying the

2   file to be transferred from the source device.

1   6. (original) The method of claim 5, wherein a user at the destination device identifies the file

2   to be transferred from the source device.

1   7. (original) The method of claim 5, wherein a pre-fetch module at the destination device

2   identifies the file to be transferred from the source device.

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1   8. (original) The method of claim 7, wherein the pre-fetch module is configured to identify files

2   to be transferred based on observations of user behavior.

1   9. (original) The method of claim 7, wherein the pre-fetch module is configured to identify files

2   to be transferred according to predetermined user preferences.

1   10. (original) The method of claim 1, wherein a device other than the destination device

2   requests the file transfer from the source device.

1   11. (original) A system for transferring files among devices in a network, comprising:

2   a destination device configured to send a request for transfer of a file;

3   a source device configured to transfer the file to the destination device; and

4   a scheduling module configured to schedule the transfer of the file from the source

5   device in response to the request.

1   12. (original) The system of claim 11, wherein the scheduling module schedules the transfer to

2   be complete by a deadline.

1   13. (original) The system of claim 12, wherein a user at the destination device specifies the

2   deadline.

1   14. (original) The system of claim 13, wherein a user at the destination device identifies the file

2   to be transferred from the source device.

1   15. (currently amended) The system of claim 11, wherein the destination device includes

2   comprises a pre-fetch module configured to identify the file to be transferred from the source

3   device.

1   16. (original) The system of claim 15, wherein the pre-fetch module is configured to identify

2   files to be transferred based on observations of user behavior.

1   17. (original) The system of claim 15, wherein the pre-fetch module is configured to identify

2   files to be transferred according to predetermined user preferences.

1   18. (original) The system of claim 11, wherein the scheduling module schedules the transfer

2   of the file based on available bandwidth at the source device and the destination device.

1   19. (original) The system of claim 11, wherein the scheduling module schedules the transfer of

2   the file based on available storage at the destination device.

1   20. (original) The system of claim 11, wherein the scheduling module schedules the transfer of

2   the file based on available bandwidth in the network.

1   21. (original) The system of claim 11, wherein the scheduling module resides at the source

2   device.

1   22. (original) The system of claim 11, wherein the scheduling module resides at the destination

2   device.

1   23. (original) The system of claim 11, wherein the scheduling module resides in both the

2   destination device and the source device.

1   24. (original) The system of claim 11, wherein the scheduling module resides in a cache device

2   in the network.

1   25. (original) The system of claim 11, wherein the scheduling module resides in the destination

2   device, the source device, and a cache device in the network.

1   26. (currently amended) A method for transferring files among devices in a network,

2   comprising ~~the steps of~~:

3   identifying a file to be transferred to a destination device;

4   selecting a source device to transfer the file; and

5   scheduling the transfer of the file from the selected source device to the destination

6   device.

1   27. (original) The method of claim 26, wherein the source device identifies the file to be

2   transferred.

1   28. (original) The method of claim 27, wherein the source device identifies the file according to

2   a user subscription.

1   29. (original) The method of claim 27, wherein the source device identifies the file according to

2   observations of user behavior transferred from the destination device.

1   30. (currently amended) The method of claim 26, further comprising ~~the step of~~ completing

2   transfer of the file to the destination device by a deadline.

1   31. (original) The method of claim 27, wherein a device in the network that is not the source

2   device or the destination device identifies the file to be transferred.

1   32. (original) The method of claim 31, wherein a user at the device in the network identifies the

2   file to be transferred from the source device to the destination device.

1 33. (original) The method of claim 31, wherein a user at the device in the network determines a

2 deadline for completion of the transfer of the file.

1 34. (currently amended) The method of claim 26, wherein ~~the step of~~ scheduling <u>comprises</u>

2 ~~includes~~ determining available bandwidth at the source device and the destination device.

1 35. (currently amended) The method of claim 26, wherein ~~the step of~~ scheduling <u>comprises</u>

2 ~~includes~~ determining available bandwidth in the network.

1 36. (original) The method of claim 26, wherein the source device is a server.

1 37. (original) The method of claim 26, wherein the source device is a cache device in the

2 network.

1   38. (original) A system for delivering content in a network, comprising:

2   a client configured to send a request for delivery of the content;

3   a scheduling module configured to determine a schedule for delivery of the content; and

4   a server configured to deliver the content to the client according to the schedule.

1   39. (original) The system of claim 38, wherein the content is delivered to the client without a

2   user being present at the client during delivery.

1   40. (original) The system of claim 38, wherein the scheduling module resides at the server.

1   41. (original) The system of claim 38, wherein the scheduling module resides at the client.

1   42. (original) The system of claim 38, wherein the scheduling module resides in a control

2   server in the network.

1   43. (original) The system of claim 42, wherein the control server monitors bandwidth and

2   storage resources in the network and provides bandwidth and storage resources data to the

3   scheduling module.

1   44. (original) The system of claim 38, wherein the server attaches digital rights management

2   rules to the content prior to delivery.

1   45. (currently amended) The system of claim 38, wherein the client ~~includes~~ <u>comprises</u> a digital

2   rights management module configured to implement digital rights management rules attached

3   to the content.

1   46. (original) The system of claim 38, wherein the client is a general-purpose computer.

1   47. (original) The system of claim 38, wherein the client is a set-top box.

1   48. (currently amended) The system of claim 38, wherein the request for delivery <u>comprises</u>

2   ~~includes~~ a deadline for delivery, the scheduling module determines a schedule for delivery to

3   meet the deadline, and the server completes delivery of the content to the client by the deadline.

1   49. (currently amended) The system of claim 38, wherein the client <u>comprises</u> ~~includes~~ a pre-

2   fetch module configured to pre-fetch content from the server.

1   50. (original) The system of claim 49, wherein the pre-fetched content is stored in a cache at the

2   client.

1   51. (currently amended) The system of claim 50, wherein the client <u>comprises</u> ~~includes~~ a mini

2   web server ~~that is~~ configured to receive a request for content from a browser, determine that the

3   requested content resides in the cache as pre-fetched content, and send the requested content

4   from the cache to the browser instead of requesting the content from the server.

1   52. (original) The system of claim 50, wherein specifically requested content is stored in the

2   cache at the client.

1   53. (currently amended) The system of claim 52, wherein the client <u>comprises</u> ~~includes~~ a cache

2   management module configured to determine the size of the cache.

1   54. (currently amended) The system of claim 52, wherein the client <u>comprises</u> ~~includes~~ a cache

2   management module configured to organize the content in the cache.

1   55. (currently amended) The system of claim 52, wherein the client <u>comprises</u> ~~includes~~ a cache

2   management module configured to implement cache replacement algorithms to add or remove

3   content from the cache.

1   56. (currently amended) The system of claim 50, wherein the client comprises ~~includes~~ a cache

2   management module configured to monitor usage of the pre-fetched content in the cache.

1   57. (original) A system for transferring files among devices in a network, comprising:

2   means for requesting a transfer of a file from a source device;

3   means for scheduling the transfer of the file to be completed by a deadline; and

4   means for transferring the file from the source device to a destination device,

5   whereby the file transfer is complete by the deadline.

1   58. (currently amended) A system for transferring files among devices in a network,

2   comprising:

3   a plurality of servers configured to deliver content to the devices in the network;

4   a plurality of clients configured to receive content from the plurality of servers;

5   and

6   a scheduling module configured to determine schedules for delivery of content

7   from the plurality of servers to the plurality of clients, the schedules being based on

8   available bandwidth at the plurality of servers, available bandwidth at the plurality of

9   clients, and available bandwidth in the network between the plurality of servers and

10   clients.